Chemical Properties of the Soils

Conecuh County, Alabama

NOTE: Absence of an entry indicates that data were not estimated.

Map symbol and soil name	Depth	Cation Cation exchange capacity 	cation	reaction	Calcium carbon- ate	Gypsum 	Salinity	Sodium adsorp- tion ratio
	 In	 meq/100 g	<u></u> meq/100 g	 pH	Pct	Pct	mmhos/cm	_
ArE: Arundel	 0-7 7-24 24-60	 	 	 3.6-5.5 3.6-4.4 		 	0 0 0	
AtA: Atmore	0-14 0-14 14-38 38-62		 	 3.6-5.5 3.6-5.5 3.6-5.5		 	0 0 0	
BbA: Bibb	 0-32 32-60	 	 4.0-7.0 4.0-10	 3.6-5.5 3.6-5.5		0 0	0 0	
BgA: Bigbee	0-6 6-80	 	 	4.5-6.0 4.5-6.0		 	0 0	
BoA: Bonneau	0-28 28-43 43-72	 	1 1.0-4.0 2.0-6.0 2.0-8.0	 4.5-6.0 4.5-5.5 4.5-5.5		0 I 0 I 0 I	0 0 0	 0 0
CaA: Cahaba	 0-14 14-37 37-72	 	 	 4.5-6.0 4.5-6.0 4.5-6.0		 	0 0 0	
CbA: Cahaba	 0-12 12-37 37-80	 	 	 4.5-6.0 4.5-6.0 4.5-6.0		 	0 0 0	
Bigbee	 0-6 6-80	 	 	 4.5-6.0 4.5-6.0		 	0	
ChA: Chrysler	 0-6 6-72 72-90	 	 	 4.5-5.5 4.5-5.5 4.5-5.5		0 0 0 0	0 0 0	 0 0
Yonges	3-57	2.0-4.0 3.0-8.0 3.0-8.0 		5.1-7.8 5.1-8.4 6.1-8.4 		 	0 0 0	
CoC: Conecuh	 0-3 3-50 50-72		 	 3.6-5.5 3.6-5.5		0 0 0 0	0 0 	 0 0

Chemical Properties of the Soils, cont.

Conecuh County, Alabama

Map symbol and soil name		exchange capacity	Effective cation exchange capacity	reaction	Calcium carbon- ate	Gypsum 	Salinity	Sodium adsorp- tion ratio
	 In	meq/100 g	<u> </u> meq/100 g	 pH	Pct	Pct	mmhos/cm	_
CwC:		 	 	 		 		1
Cowarts	0-11			4.5-5.5	0	0	0	0
	11-18			4.5-5.5 4.5-5.5	0 1	0	0	0 0
	18-25 25-60			4.5-5.5	0 1	0 1	0	1 0
₹uB:	 		 	 				
Fuquay	0-29	i	i	4.5-6.0	0 1	0	0	0
	29-35			4.5-6.0	0	0	0	1 0
	35-75			4.5-6.0	0	0	0	0
GrA:				 		 		i
Greenville			4.0-10	4.5-6.0	0	0	0	1 0
	9-80		4.0-12	4.5-6.0	0	0	0	0
GrB:		į		 4 5 6 6		,	^	
Greenville			4.0-10	4.5-6.0	0 1	0	0	0
	9-80 		4.0-12 	4.5-6.0 	0	U I	0	0
GuC: Greenville	 0-9		4.0-10	 4.5-6.0		0 1	0	I I 0
Greenville	9-80	1		4.5-6.0	0 1	0	0	0
Urban Land	0-60	i 	 		i i	 	0	
Ofball Land	0-80			 			O	
GyC:	 0-13		1 2.0-7.0	 3.5-6.0		0 1	0	I I 0
Gritney	1 13-49		7.0-13		1 0 1	0 1	0	1 0
	49-80		2.0-8.0		0 1	0 1	0	0
Malbis	0-6			 4.5-6.0			0	
	6-28			4.5-5.5			0	
	28-37			4.5-5.5		i	0	
	37-72			4.5-5.5			0	
Fuquay	0-29			4.5-6.0	0	0	0	0
	29-35	•		4.5-6.0	0	0	0	0
	35-75 			4.5-6.0 	0	0	0	0
HaC:			İ				0	
Halso	0-5 5-41			3.6-5.5 3.6-5.5		0 0	0	0 0
	1 41-48			1 3.6-5.5		0 1	0	1 0
	48-60		i		i i			i
IbA:			 	 		 		
Izagora	0-8			3.6-6.0			0	
	8-33 33-80			3.6-5.5 3.6-5.5			0	
_	İ	İ	i	İ	i i	İ	•	İ
Bethera	0-6 6-62		2.0-6.0 8.0-20	3.6-6.0 3.6-6.0	0 1	0	0	I 0
		i					· ·	
LuC: Luverne	0-6			 3.6-5.5			0	
TO A CTITO	6-28			3.6-5.5			0	
	28-40			3.6-5.5			0	·
	40-65			3.6-5.5	i i	j	0	i
LuD:		 	 	 		 		1
Luverne	0-6			3.6-5.5			0	
	6-28 28-40			3.6-5.5 3.6-5.5			0	
	1 40-65			3.6-5.5 3.6-5.5			0	
	1	i	i	, 0 . 0	. '	'	ŭ	i

Chemical Properties of the Soils, cont.

Conecuh County, Alabama

Map symbol and soil name	Depth	capacity	Effective cation exchange capacity	reaction	Calcium carbon- ate		Salinity	Sodium adsorp- tion ratio
	 In	<u>meq/100 g</u>	<u></u> meq/100 g	 pH	Pct	Pct	mmhos/cm	-
MaB: Malbis	 0-6		 	 4.5-6.0		 	0	
	6-28 28-37 37-72		 	4.5-5.5 4.5-5.5 4.5-5.5		 	0 0 0	
OcC: Oktibbeha	 0-3 3-36	 	 	 4.5-6.5 4.5-6.5		 	0	
Cadeville	36-60 0-4		 	6.6-8.4 3.6-6.0		 	0	
	4-40		 	3.6-5.5			0	
OrB: Orangeburg	 0-6 6-12 12-72	 		4.5-6.0 4.5-6.0 4.5-5.5	0 1	0 0 0 0	0 0 0	 0 0 0
OsE: Oktibbeha	 0-3 3-36 36-60	 	 	4.5-6.5 4.5-6.5 6.6-8.4	i i	 	0 0 0	
Saffell	0-5 5-28 28-43 43-60	 	5.0-20	4.5-5.5 4.5-5.5 4.5-5.5 4.5-5.5	0 1	0 0 0 0	0 0 0	
DuC: Orangeburg	 0-6 6-12 12-72	 	1 1.0-2.0 2.0-3.0 2.5-4.0			0 0 0 0	0 0 0	
Urban Land	 0-60 		 	 			0	
PITS: Pits	 0-60		 	 		 	0	
PoB: Poarch	0-8 8-44 44-72		i	4.5-5.5 4.5-5.5 4.5-5.5	 	 	0 0 0	i
RbB: Red Bay	 0-5 5-9 9-80	 	 	4.5-6.0 4.5-6.0 4.5-5.5	 	 	0 0 0	
FaC: Troup	 0-62 62-92	 	 	 4.5-6.0 4.5-5.5		 	0 0	
IgD: Troup	0-62 0-62 62-92		 	4.5-6.0		 	0	
Gritney	0-13 13-49 49-80	 	2.0-7.0 7.0-13 2.0-8.0	3.5-6.0 3.5-5.5 3.5-5.5		0 0 0	0 0 0	 0 0
Saffell	0-5 5-28 28-43 43-60	i	 5.0-15 5.0-20 10-20 5.0-15	 4.5-5.5 4.5-5.5 4.5-5.5 4.5-5.5		0 0 0 0	0 0 0	0 0 0

Chemical Properties of the Soils, cont.

Conecuh County, Alabama

Map symbol and soil name	 Depth 	 Cation exchange capacity 	 Effective cation exchange capacity	 Soil reaction 	 Calcium carbon- ate	Gypsum	Salinity	Sodium adsorp- tion ratio
	 In	<u>meq/100 g</u>	 meq/100 g	 рН	Pct	Pct	mmhos/cm	
ToE:	 	[[[[1
Troup	0-62			1 4.5-6.0	i i		0	
- 1	62-92	i		4.5-5.5	i i		0	i
Orangeburg	l I 0-6		1.0-2.0	 4.5-6.0	1 0 1	0	0	1 0
orangesary	6-12		1 2.0-3.0		0 1	0	0	1 0
	12-72	i	2.5-4.0		0 1	0	0	0
	 	[[1	 				
YoA:	 			 				
Yonges	0-3	2.0-4.0		5.1-7.8			0	
	3-57	3.0-8.0		5.1-8.4			0	
	57-90	3.0-8.0		6.1-8.4			0	
	60-80							
		1	1	<u> </u>				ļ
	l	l	l	l	Jl		l	_